

To: Daly, Eric[Daly.Eric@epa.gov]; Nguyen, Lyndsey[Nguyen.Lyndsey@epa.gov]
From: Gaughan, Daniel
Sent: Fri 6/24/2016 1:19:10 AM
Subject: Fwd: WINGS Exercise and Potential EPA Sites

See the email below and keep your heads down tomorrow.
Dan

Dan Gaughan
917-613-2153
gaughan.daniel@epa.gov

Begin forwarded message:

From: "Cardarelli, John" <Cardarelli.John@epa.gov>
Date: June 23, 2016 at 9:08:45 PM EDT
To: "Ferriola, Mike" <Ferriola.Mike@epa.gov>
Cc: "Gaughan, Daniel" <Gaughan.Daniel@epa.gov>
Subject: Re: WINGS Exercise and Potential EPA Sites

Hi Mike,
We are planning to do three rad surveys tomorrow.
1. My Kisco
2. HTC
3. Niagra

Mission order and flight lines will be forthcoming from Mark Thomas. We are finalizing them now.

I'll be available from 7-9 in the morning and then after 2 pm.

I'll process the data ASAP.

Any Q's, contact me or Mark.
Thanks....John
513-675-4745

Sent from my iPhone

On Mar 30, 2016, at 1:15 PM, Ferriola, Mike <Ferriola.Mike@epa.gov> wrote:

John, we would still like to keep CRU in Mt Kisco on board for aerial radiological survey work if no cost to the Region. We can speak more about that later...

Michael Ferriola, OSC/Radiation Specialist
EPA Region II
2890 Woodbridge Avenue
Edison, NJ 08837

(732) 321-4342 office
(908) 420-4439 cell

From: Cardarelli, John

ED_001490B_00003906-00001

Sent: Wednesday, March 30, 2016 1:05 PM

To: Daly, Eric <Daly.Eric@epa.gov>; Ferriola, Mike <Ferriola.Mike@epa.gov>

Cc: Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>

Subject: RE: WINGS Exercise and Potential EPA Sites

Thanks Mike and Eric for this information.

I'll work with the exercise planners and get back to you with any information.

Again, we'll follow you lead.

For now – I understand:

1. No products are expected except maybe a good aerial photo
2. Exercise play may still consider these site – aerial photo and maybe rad but not critical
 - a. Please note – aerial photos are taken at 3000 ft AGL – no real issues
 - b. Rad surveys are taken a lower altitudes 300 to 750 ft AGL
3. No cost associated with ANY of these sites
 - a. Most are very small
 - b. Will take only a few minutes to survey

That's it for now – I'll be in touch as the exercise planning develops.

...John

From: Daly, Eric

Sent: Wednesday, March 30, 2016 12:07 PM

To: Ferriola, Mike <Ferriola.Mike@epa.gov>

Cc: Cardarelli, John <Cardarelli.John@epa.gov>; Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>;

Gaughan, Daniel <Gaughan.Daniel@epa.gov>

Subject: RE: WINGS Exercise and Potential EPA Sites

For the exercise, whatever works out logistically/financially for the planners.

From: Ferriola, Mike

Sent: Wednesday, March 30, 2016 11:55 AM

To: Daly, Eric <Daly.Eric@epa.gov>

Cc: Cardarelli, John <Cardarelli.John@epa.gov>; Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>;

Gaughan, Daniel <Gaughan.Daniel@epa.gov>

Subject: Re: WINGS Exercise and Potential EPA Sites

Eric, I didn't realize you already had aerial rad data for nfb and htc. Thought this would be helpful for the removal. Sounds like we should cx those two??

Sent from my iPhone

On Mar 30, 2016, at 11:47, Daly, Eric <Daly.Eric@epa.gov> wrote:

Mike and John, we appreciate it but there was fly over data at these sites previously. I was only informed that this was for exercise use only. We are now at the point where we have more sensitive/accurate ground data/soils sampling results. It is really not necessary to add additional data from an exercise. A new overview map would be nice for visual presentation purposes. However, we have three sites going on simultaneously and adding another component is not in our teams best interest.

From: Ferriola, Mike

Sent: Wednesday, March 30, 2016 11:40 AM

To: Daly, Eric <Daly.Eric@epa.gov>
Cc: Cardarelli, John <Cardarelli.John@epa.gov>
Subject: RE: WINGS Exercise and Potential EPA Sites

Eric, it is for purposes of the exercise, however, they will be generating useful data that could help you with future actions at your two sites. Why not get everything available if it is at no charge to your project?

Michael Ferriola, OSC/Radiation Specialist
EPA Region II
2890 Woodbridge Avenue
Edison, NJ 08837

(732) 321-4342 office
(908) 420-4439 cell

From: Daly, Eric
Sent: Wednesday, March 30, 2016 11:38 AM
To: Ferriola, Mike <Ferriola.Mike@epa.gov>; Cardarelli, John <Cardarelli.John@epa.gov>
Cc: Dailey, Ashlee <daileyar@nv.doe.gov>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>;
Nguyen, Lyndsey <Nguyen.Lyndsey@epa.gov>
Subject: WINGS Exercise and Potential EPA Sites
Importance: High

Good Morning:

Just to clarify, this is for exercise purposes only. We are not requesting any data products for our removal actions. Please add Lyndsey for awareness since she is our Special Teams Lead for these three Sites for removal assessments and actions.

Any product specifics required should be determined by exercise personnel as it pertains to the exercise.

Thanks

From: Ferriola, Mike
Sent: Wednesday, March 30, 2016 11:06 AM
To: Cardarelli, John <Cardarelli.John@epa.gov>
Cc: Dailey, Ashlee <daileyar@nv.doe.gov>; Daly, Eric <Daly.Eric@epa.gov>; Gaughan, Daniel <Gaughan.Daniel@epa.gov>
Subject: RE: WINGS Exercise and Potential EPA Sites

John, here are the Google Earth images with red lines drawn around the proposed survey areas for each. The name, address and coordinates are on each map and attached below. I will need to speak to you personally about the other items next week. Keep in mind, EPA Region II was looking for no cost to the specific site account number. The Mt. Kisco site is very close to the NY/NJ border but may have high air traffic...Also, keep in mind that HTC is a cemetery!

Niagara Falls Boulevard Site: 9524 & 9540 Niagara Falls Boulevard
Niagara Falls, Niagara County, NY
43.095915°, -78.952402°

Holy Trinity Cemetery Site: Robert Ave, Lewiston, NY; Coordinates: 43.149303°, -79.031942°

Canadian Radium & Uranium: 105 Kisco Ave, Mount Kisco, NY; Coordinates: 41.212050° -73.727670°

Michael Ferriola, OSC/Radiation Specialist
EPA Region II
2890 Woodbridge Avenue
Edison, NJ 08837

(732) 321-4342 office
(908) 420-4439 cell

From: Cardarelli, John
Sent: Tuesday, March 29, 2016 3:08 PM
To: Ferriola, Mike <Ferriola.Mike@epa.gov>; Dailey, Ashlee <daileyar@nv.doe.gov>
Cc: Kudarauskas, Paul <Kudarauskas.Paul@epa.gov>; Thomas, Mark J. <Thomas.Markj@epa.gov>
Subject: WINGS Exercise and Potential EPA Sites

Hi Mike,
I just spoke to Ashlee about the 3 EPA sites you provided for potential surveys during the WINGS exercise. She said that all three are still being considered and we will have a much better idea if they will be surveyed by the end of next week.

A few things we'll need from you:

1. A polygon "Google Earth" KML file or simply a hand-drawn area over the sites that must be part of the aerial rad survey.
2. Do you want aerial and/or oblique photography of any of these sites (geo- and ortho-rectified?).
3. Do you want/need an Infrared Imaging or Chemical survey done?
4. What product do you expect? Exposure Rate Contour? Total Count-rate Contour? Potassium, Uranium or Thorium Concentration Contour? Sigma Plots for specific isotopes of interest? If you're not sure - call me.

Depending on the size of the area and which aircraft will be selected to conduct the survey (probably ASPECT for the Buffalo sites), the likely flight parameters will range between 150 ft to 500 ft AGL with line spacings ranging between 150 ft to 400 ft. Details will be determined during the exercise.

Mark Thomas is playing a new role in this WINGS exercise. He'll be working in the FRMAC coordinating the aircraft missions among the Fed, State, and Local assets that are participating. I'll likely be leading the ASPECT aircraft field team during the exercise. Since this is an exercise, we can talk details prior to the actual surveys and make sure you get everything you need.

You can always call and email me (or Mark Thomas) if you have any questions.

Ashlee,
Please add Mike to the distribution list so he is aware of our planning progress for the exercise. This should improve our comms too. Also, feel free to clarify or add

any information as needed.

Thanks everyone!

...John

John Cardarelli II
CAPT Public Health Service
Health Physicist
Environmental Protection Agency
CBRN Consequence Management Advisory Team
4900 Olympic Blvd
Erlanger, KY 41018
513-487-2423 w
513-675-4745 c